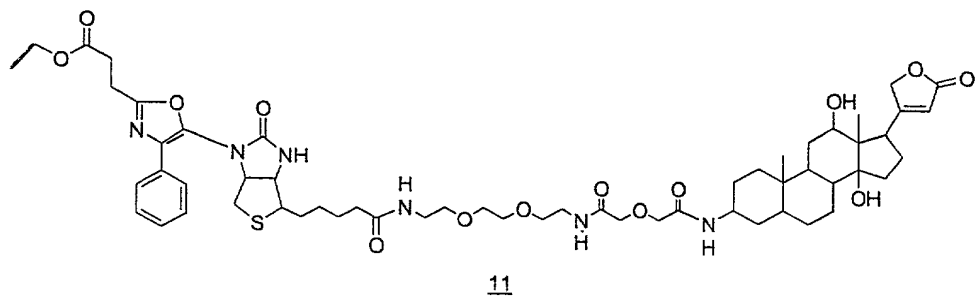
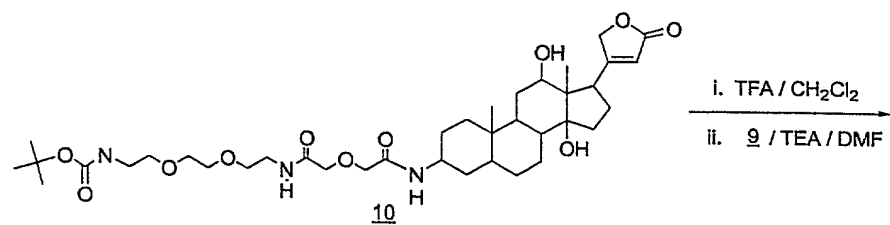
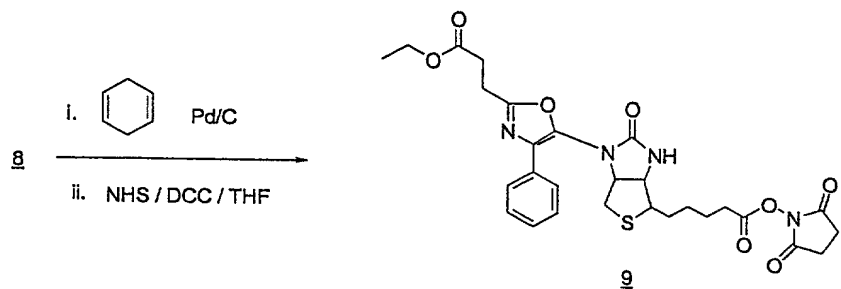
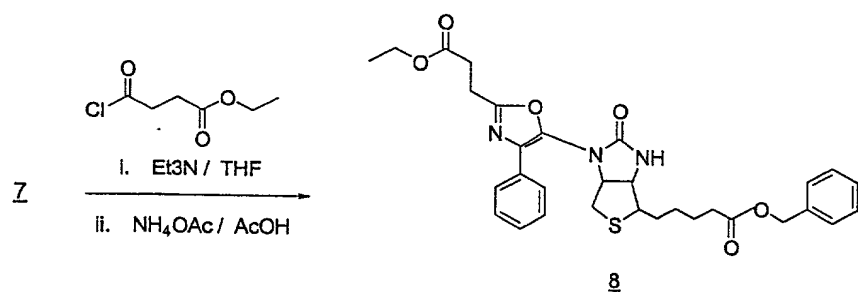
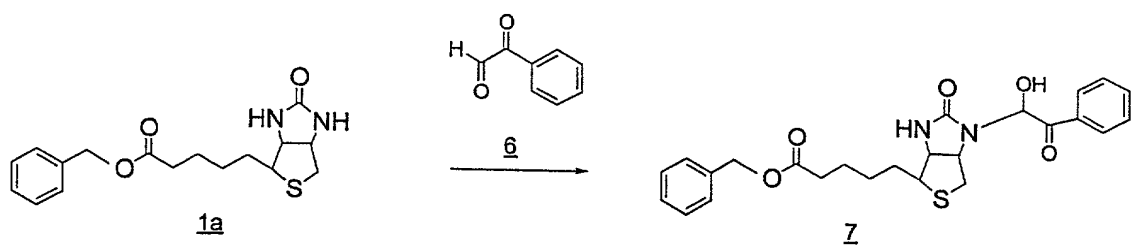


Fig. 1



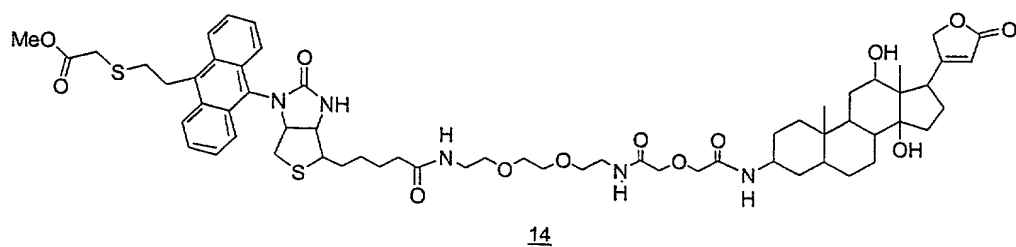
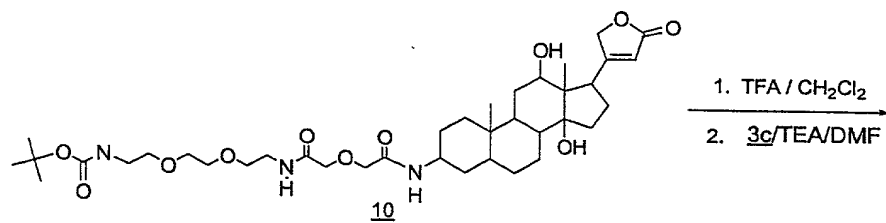
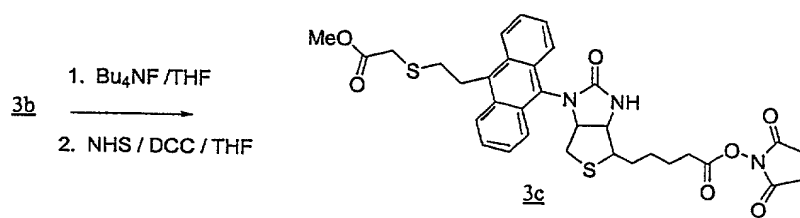
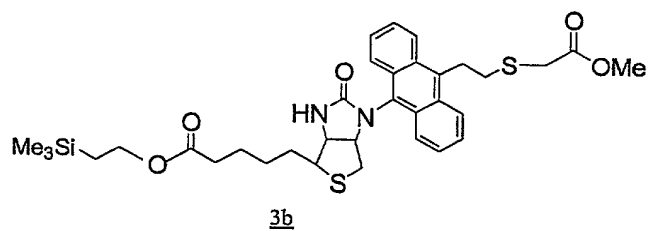
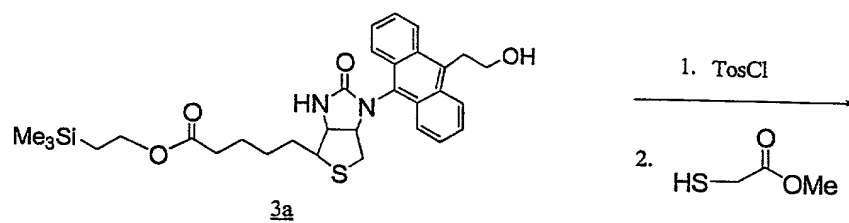
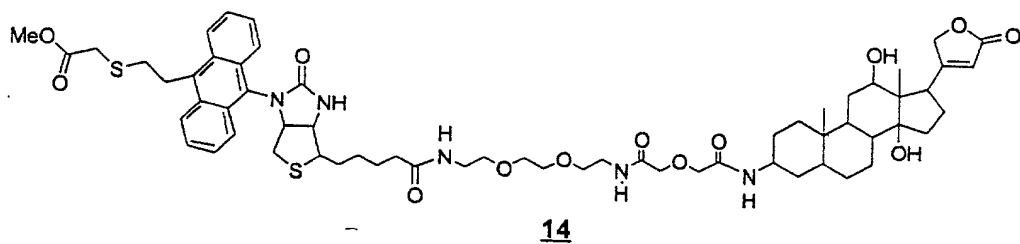
[illegible]

Fig. 3



Dig-Linked-Biotin-Anthracycline-CO₂Me

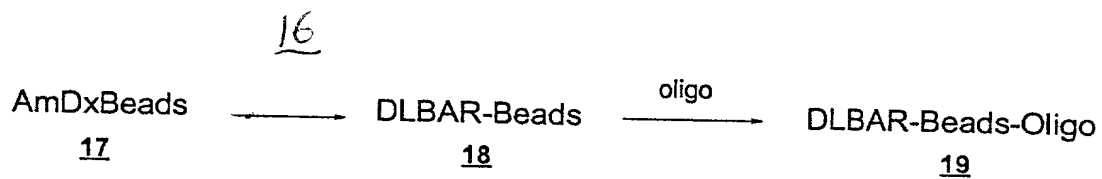
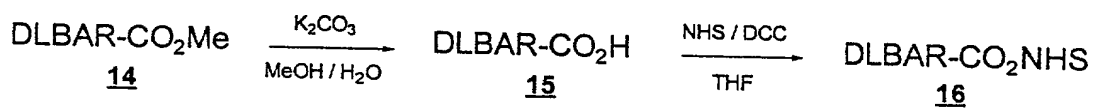
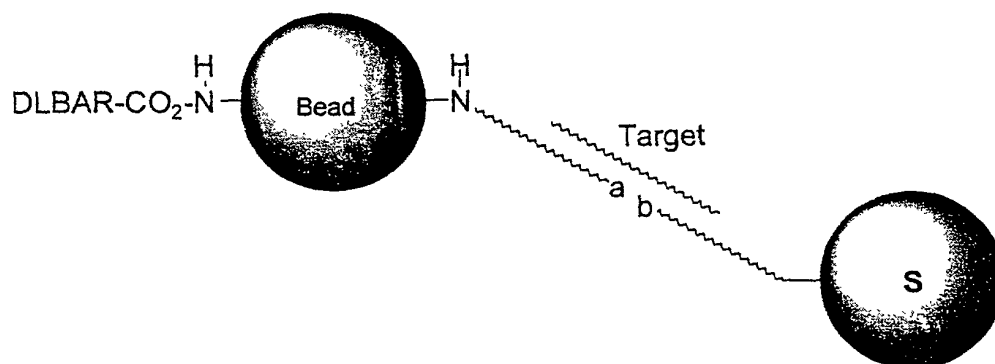
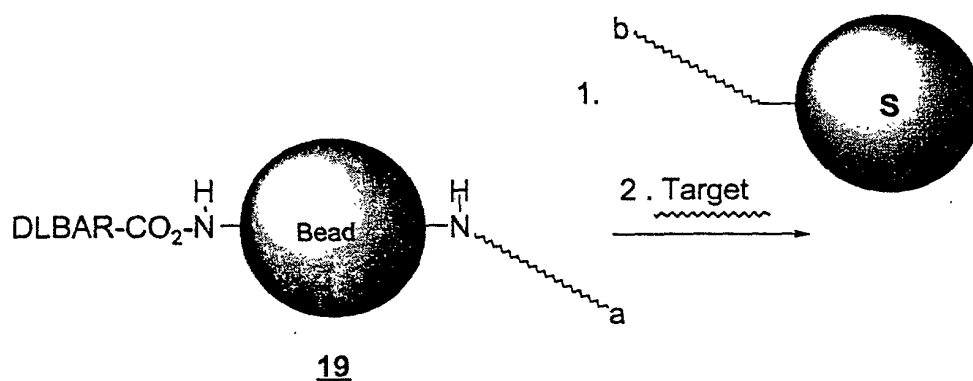
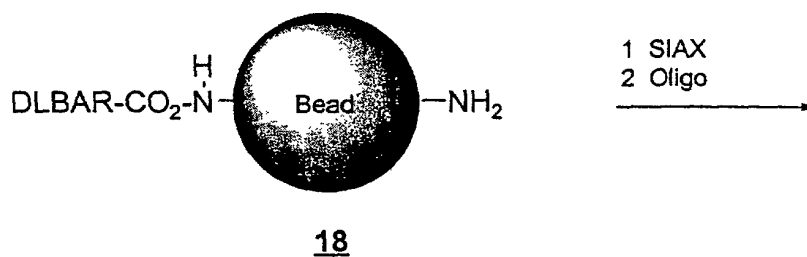
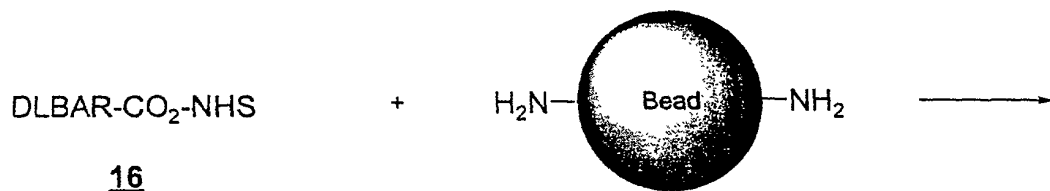


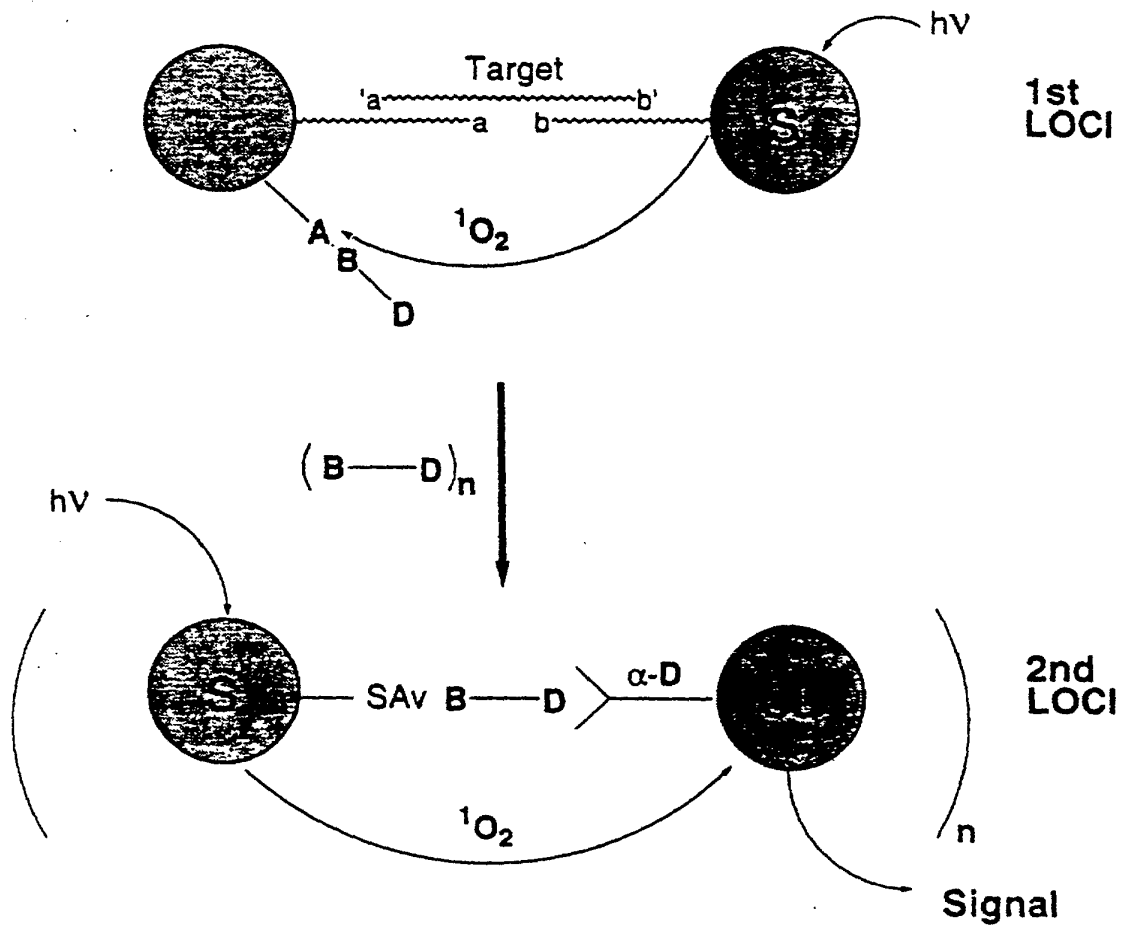
Fig. 4

Bead Preparation for Nucleic Acid Detection Amplification



09733047 "120200
000001" 4022260

Fig. 5

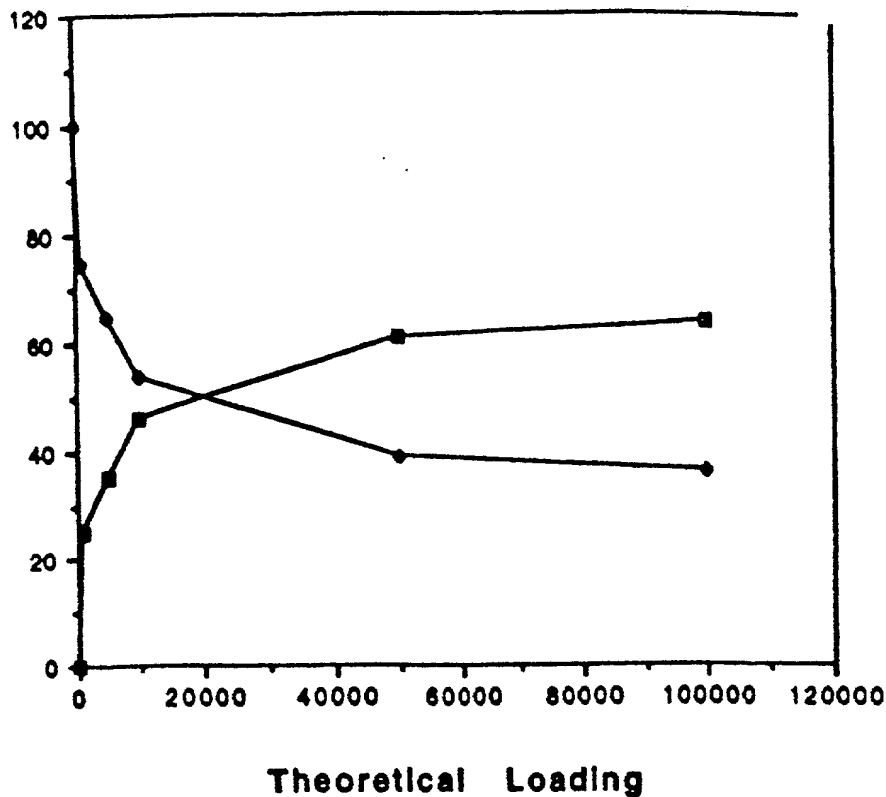
LOCI Amplification

00732047 120700

004027 44026660

(a)

DLBARCO2-
% of Theory



(b)

UV Analysis of Coating
DLBARCO2- / Bead

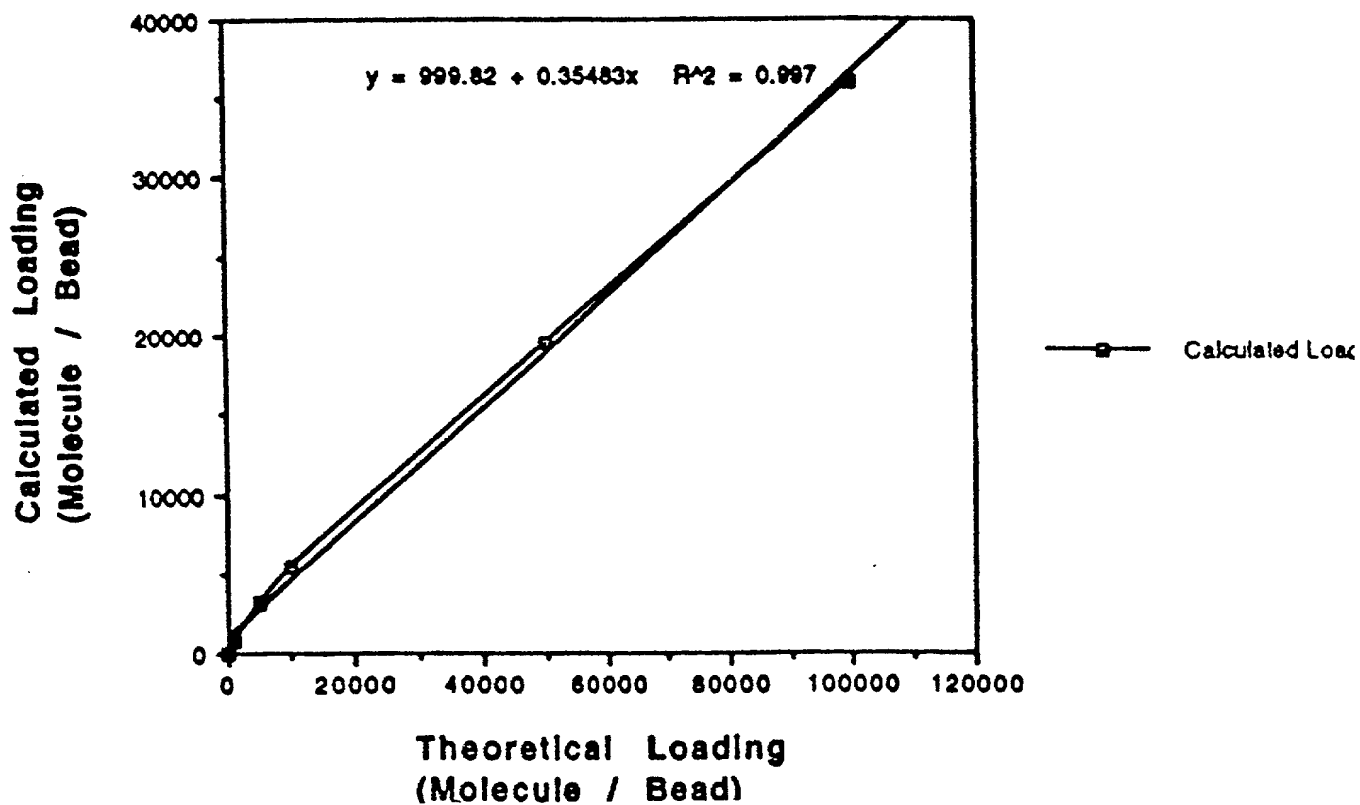
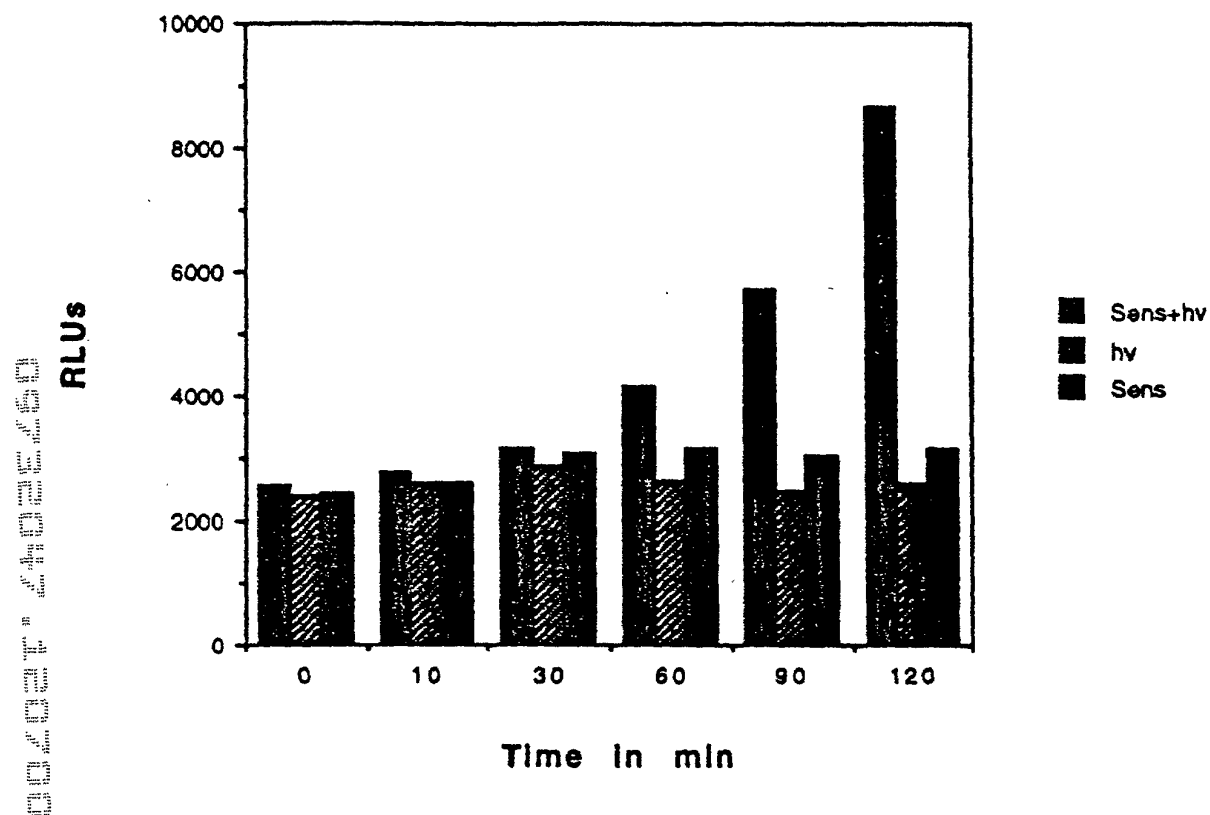


Figure 7

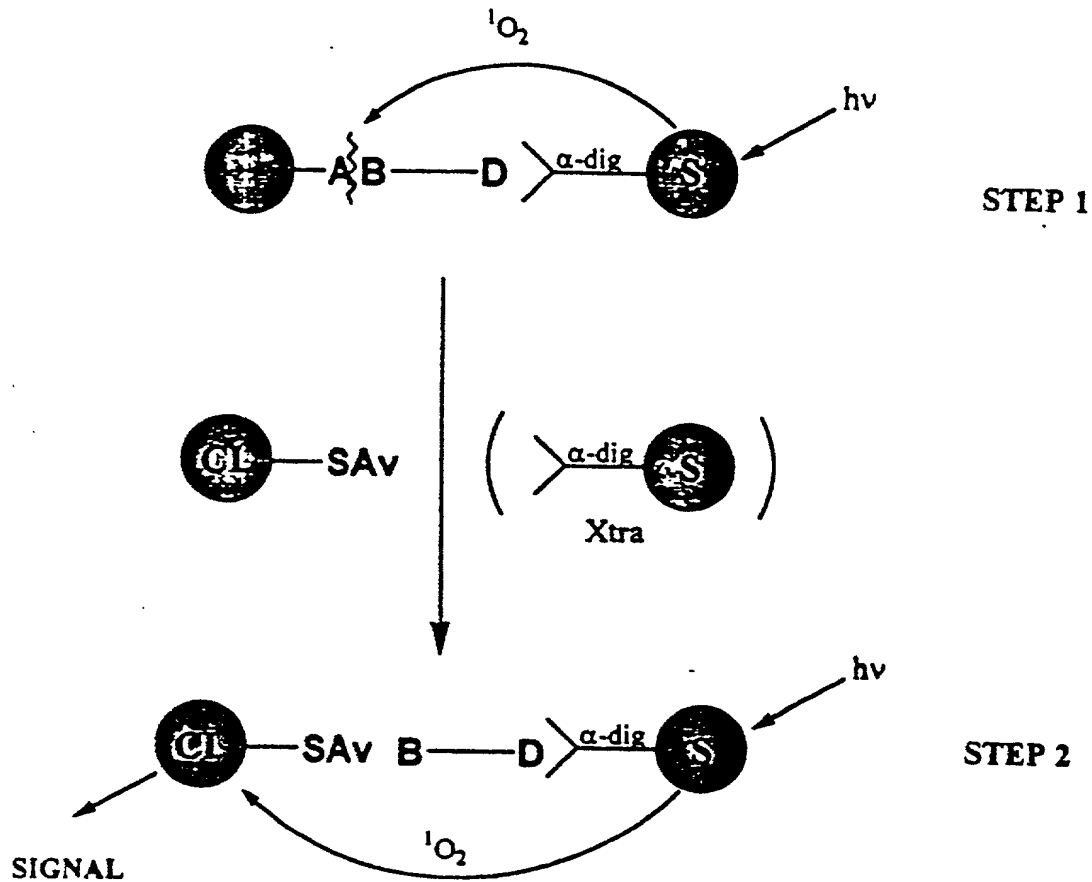
Deprotection of Dig-Link-Biotin-Anth-R-CO₂Me
LOCI detection with Cl-antidig and Sens-Sav



TEST:

Dig-Linked-Biotin Release From DLBAR-Beads

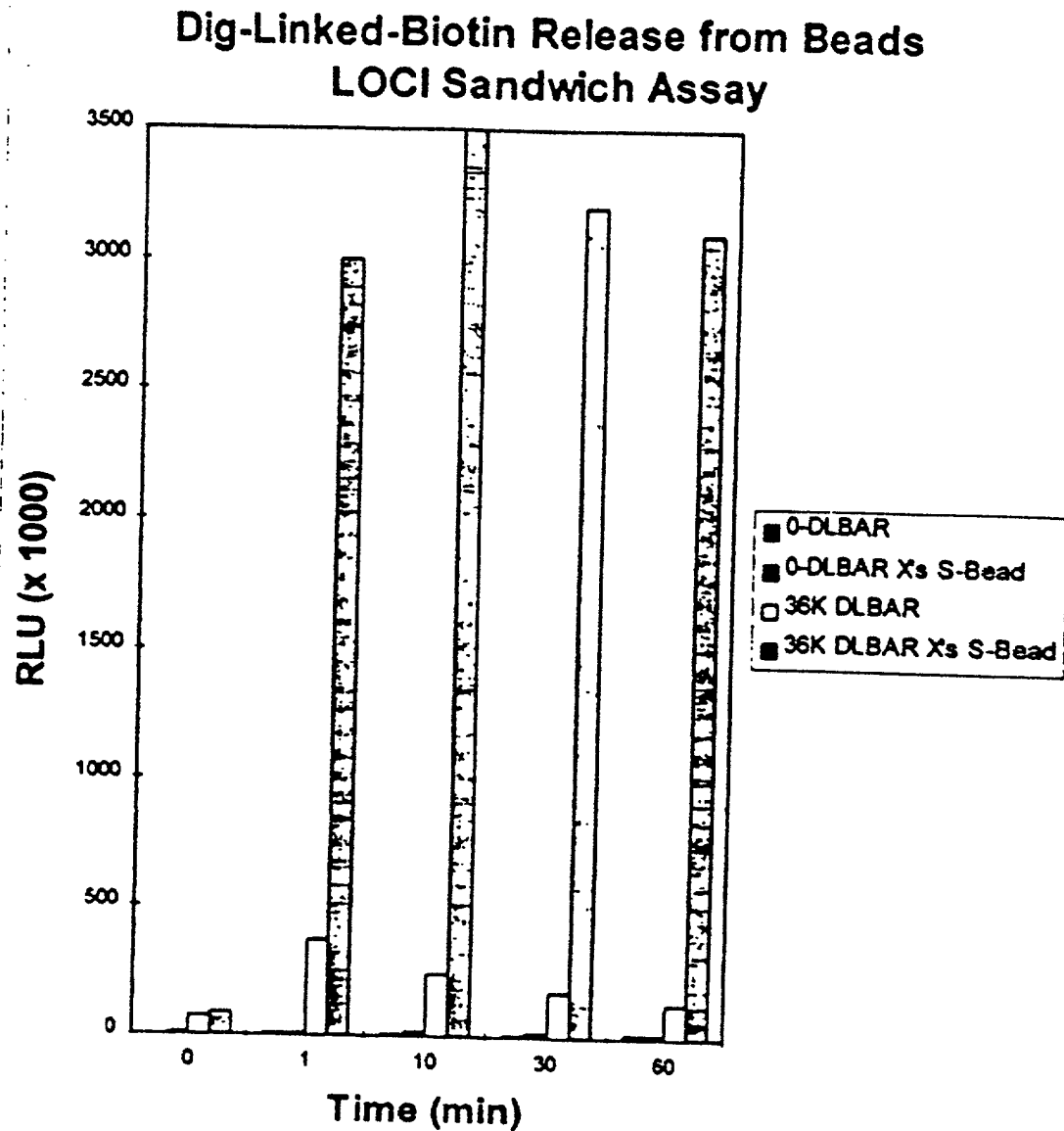
Figure 8



Procedure:

Combine 100 μ L (100 μ g) of each bead, incubate for 1 hr at 37 $^\circ$. Dilute with 0.8mL IHBB. Remove 100 μ L for T_0 and each T_n illumination (D-J lamp). Add 10 μ L (10 μ g) of each bead (for step 2) to each T_n and incubate for 1 hr at 37 $^\circ$. Add 1ml LOCI buffer to each, and equilibrate for 1h at 37 $^\circ$. Read 1s/1s x 10.

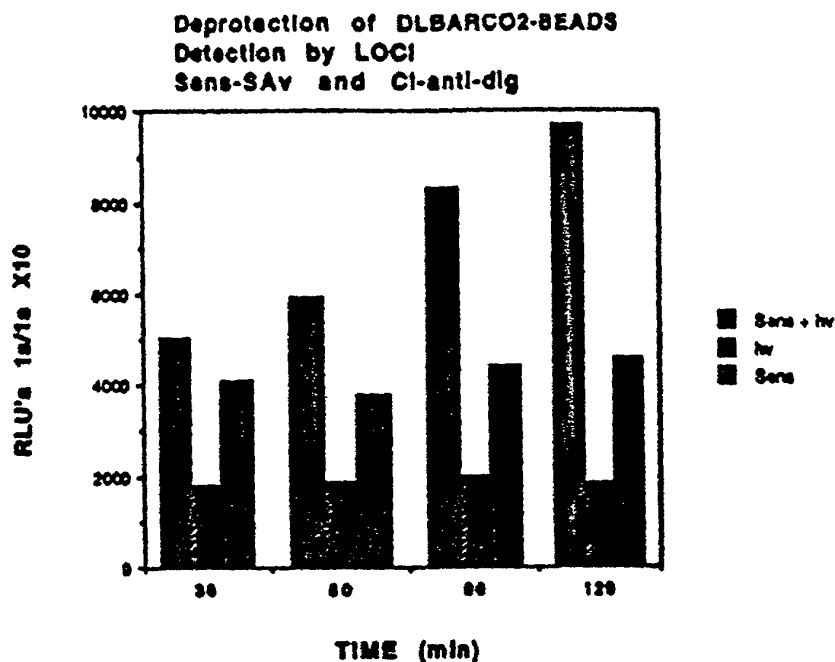
Fig. 9



Release of Dig-Linked-Biotin from Beads Using Soluble Sensitizer, Detection by LOCI

Figure
10

a



b

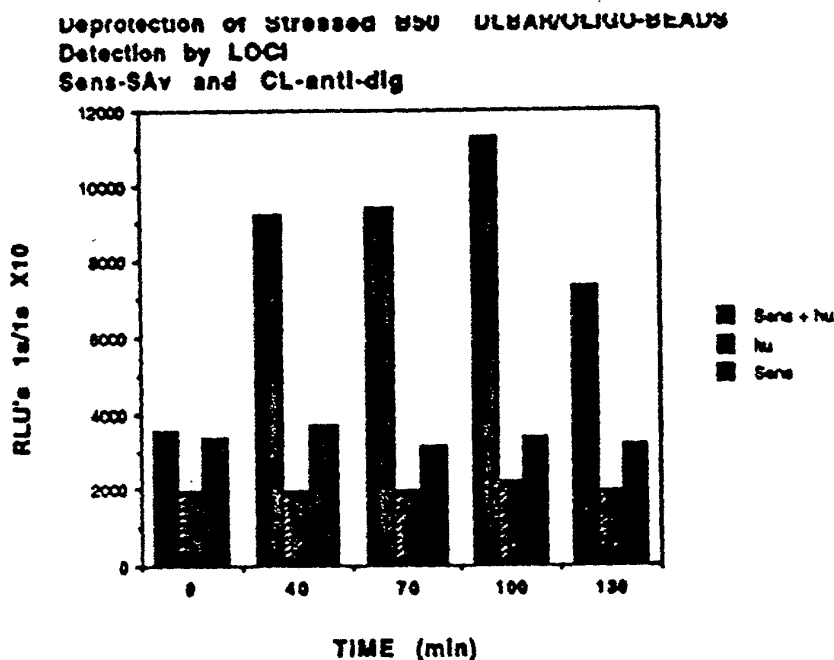
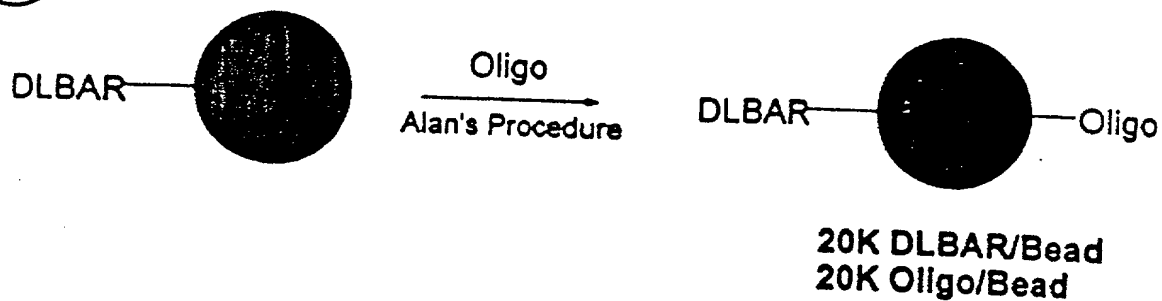


Fig.
11

Preparation of DLBAR/Oligo Beads

(a)



(b)

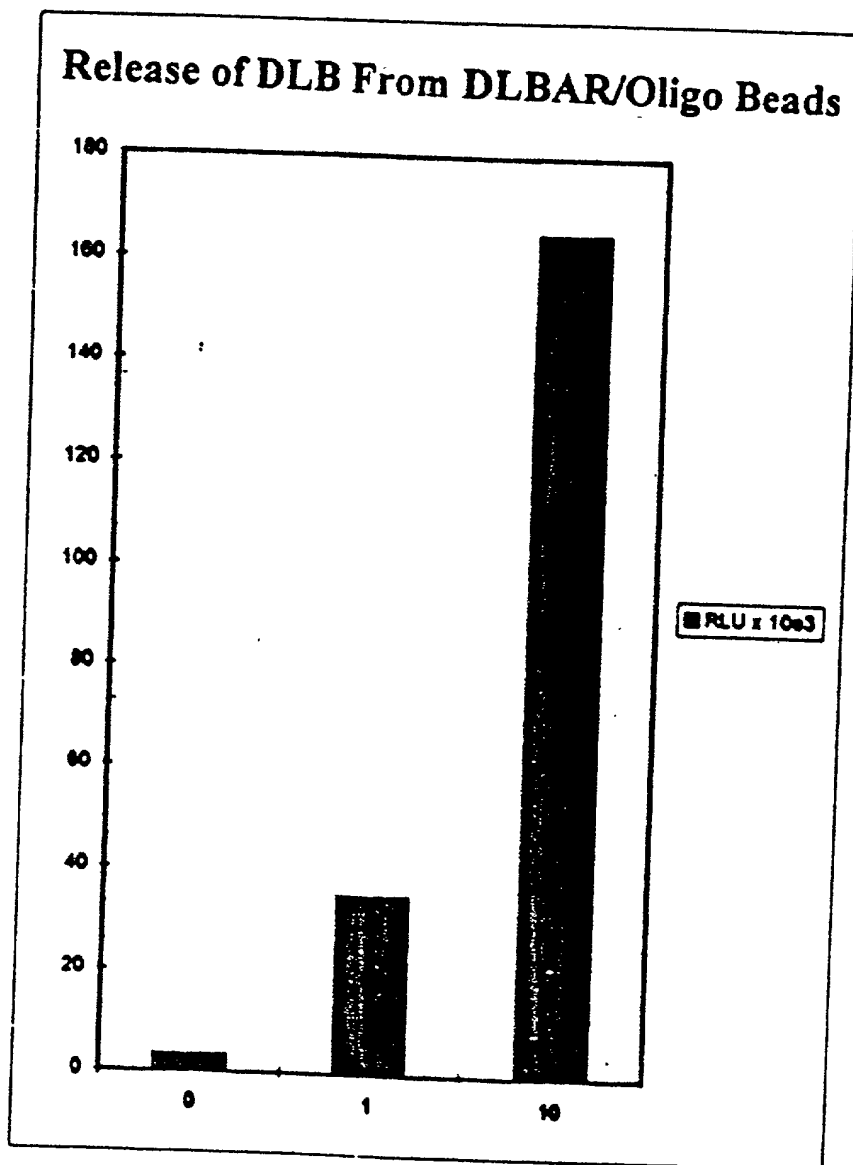
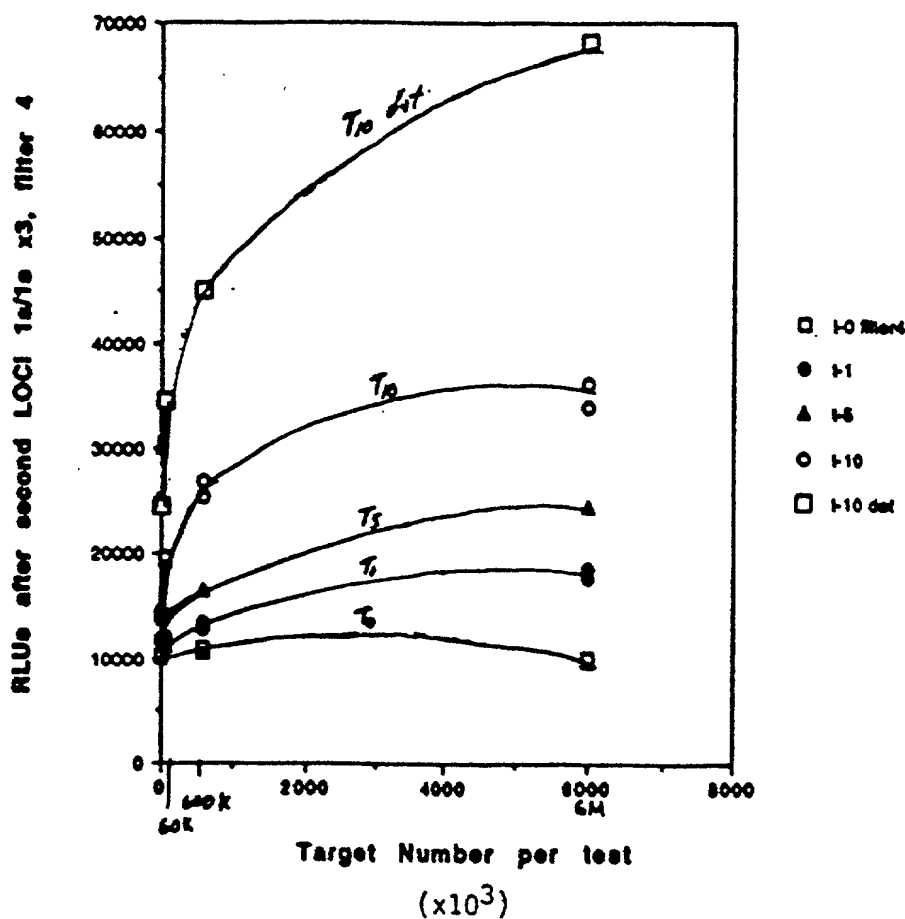
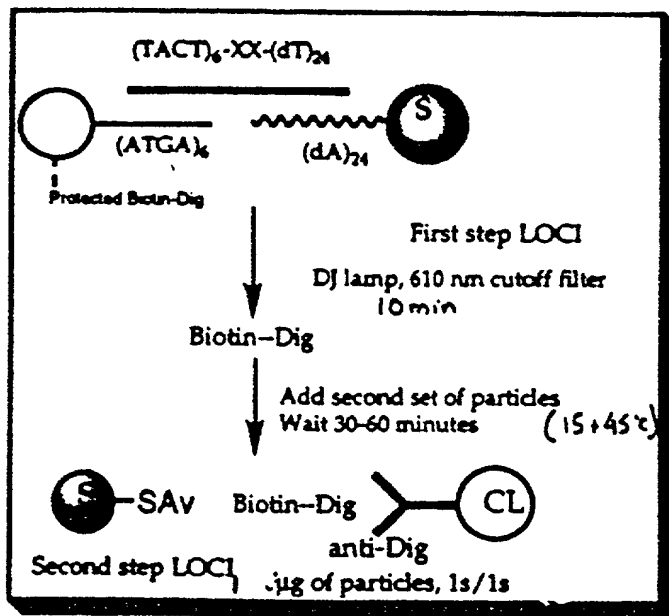


Fig. 12

a



b



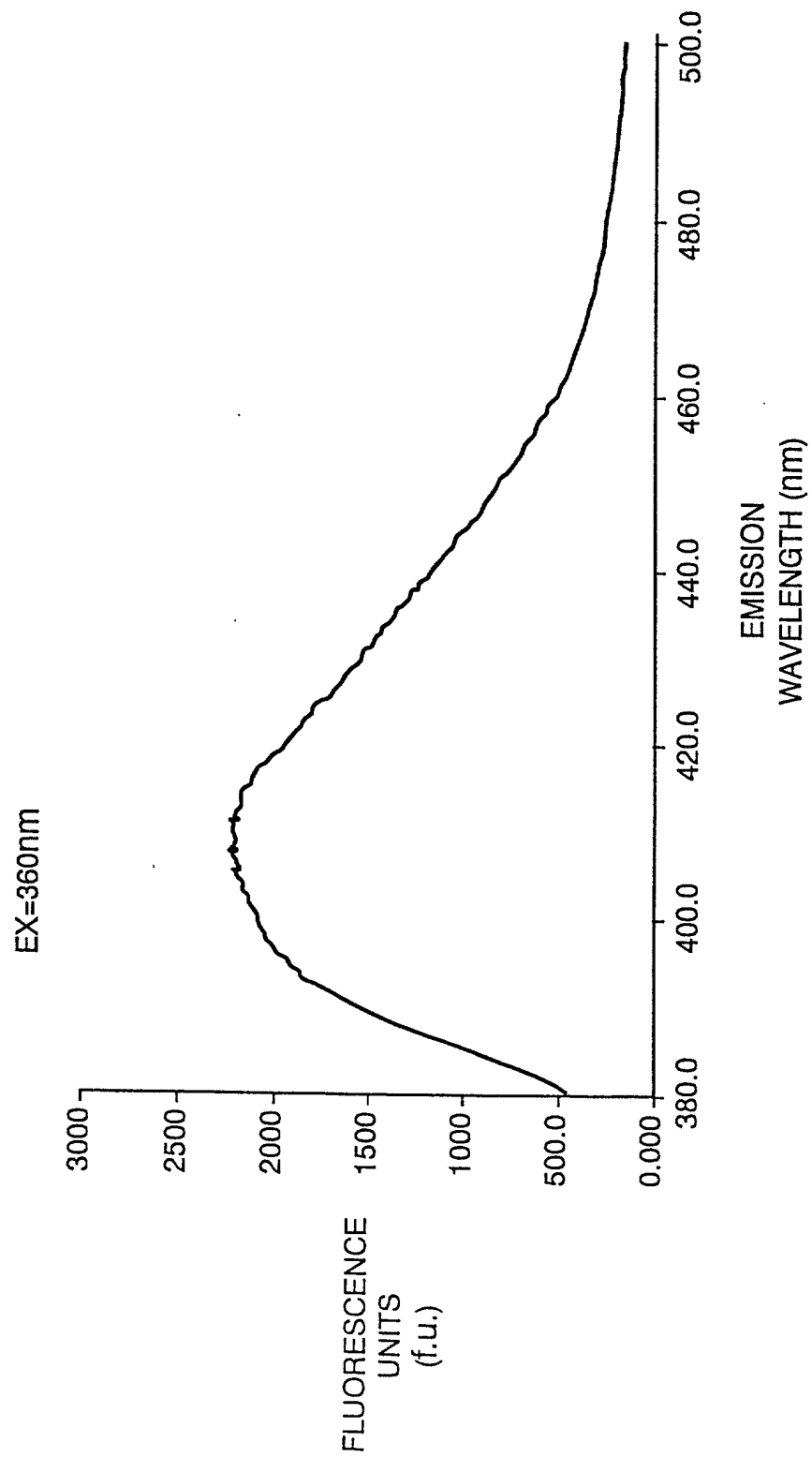


FIG. 13a

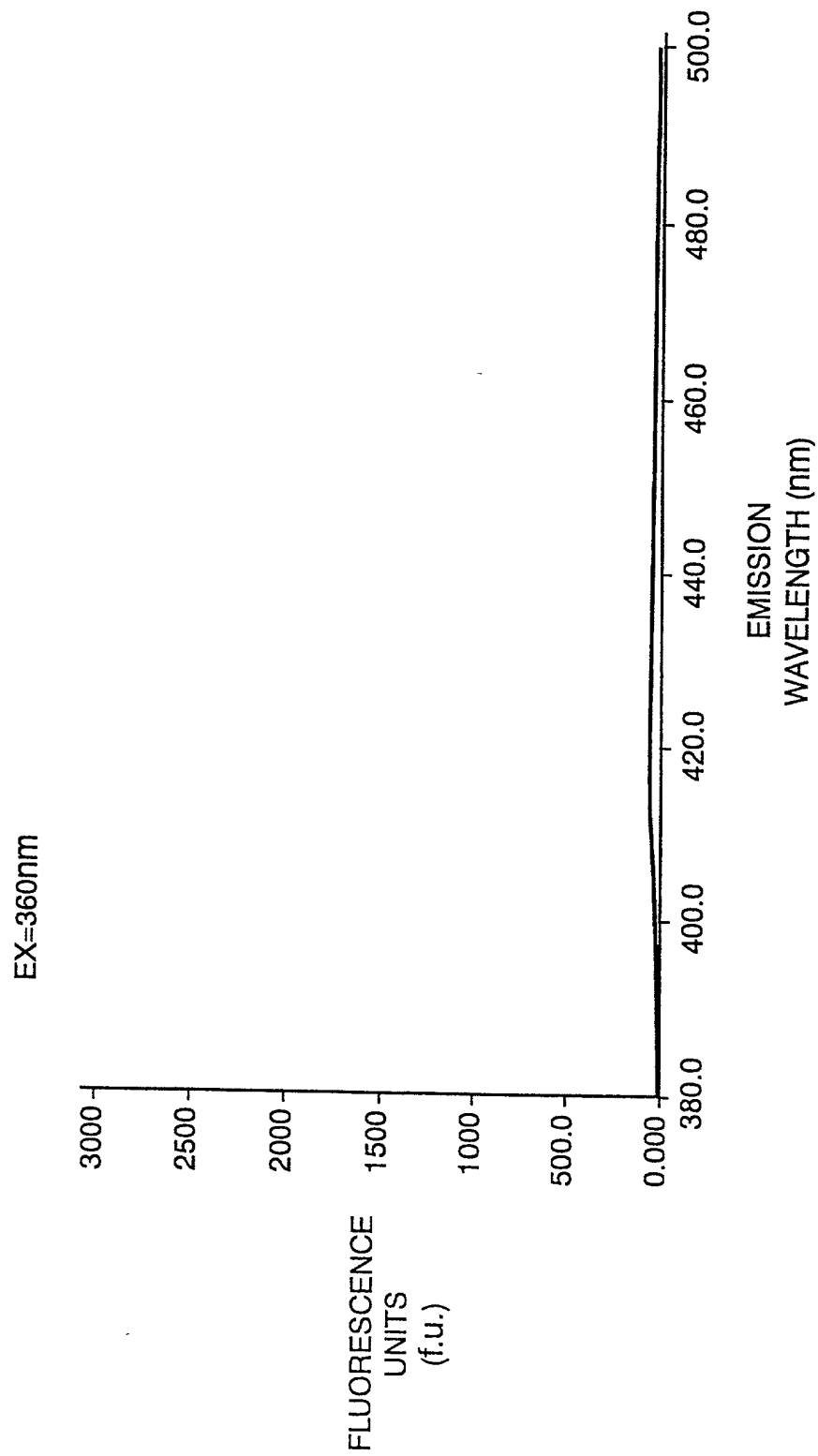


FIG. 13b

034027" 44032.660

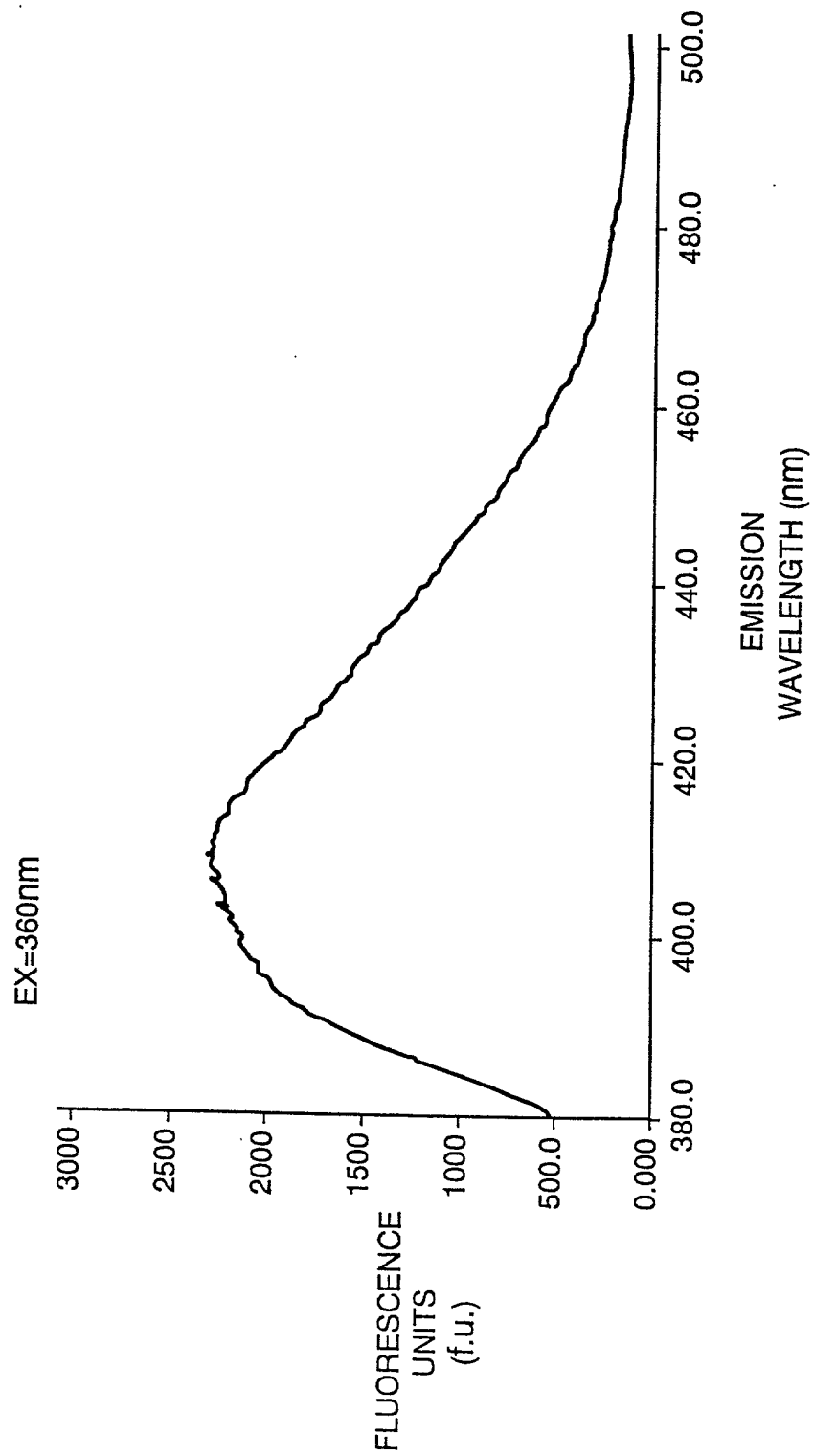


FIG. 13C

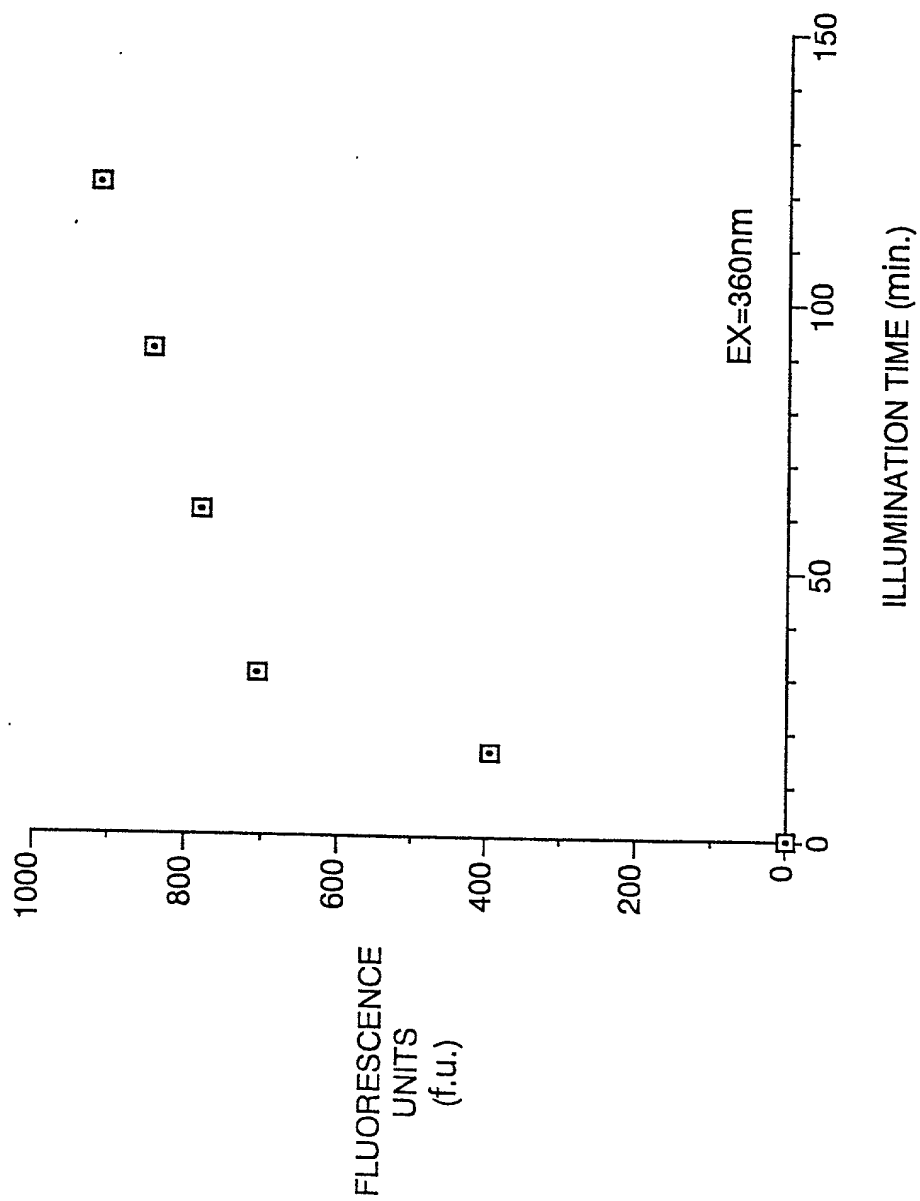


FIG. 14

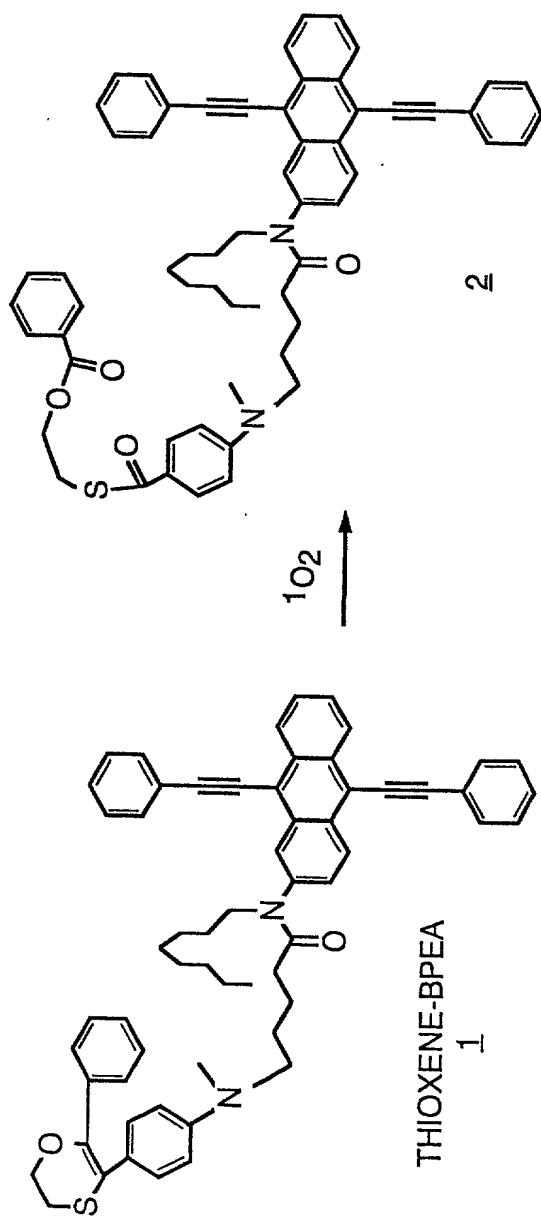


FIG. 15

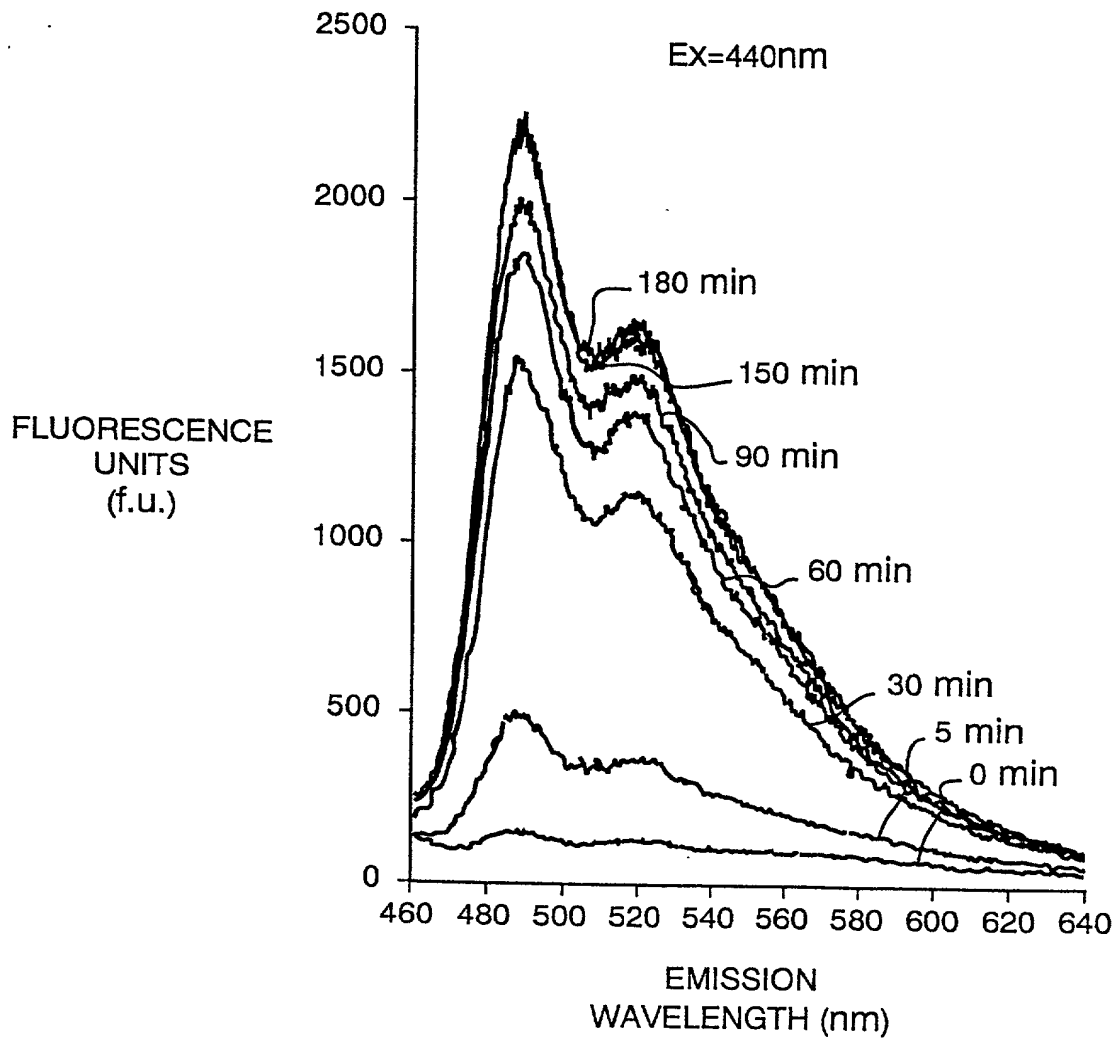


FIG. (7)

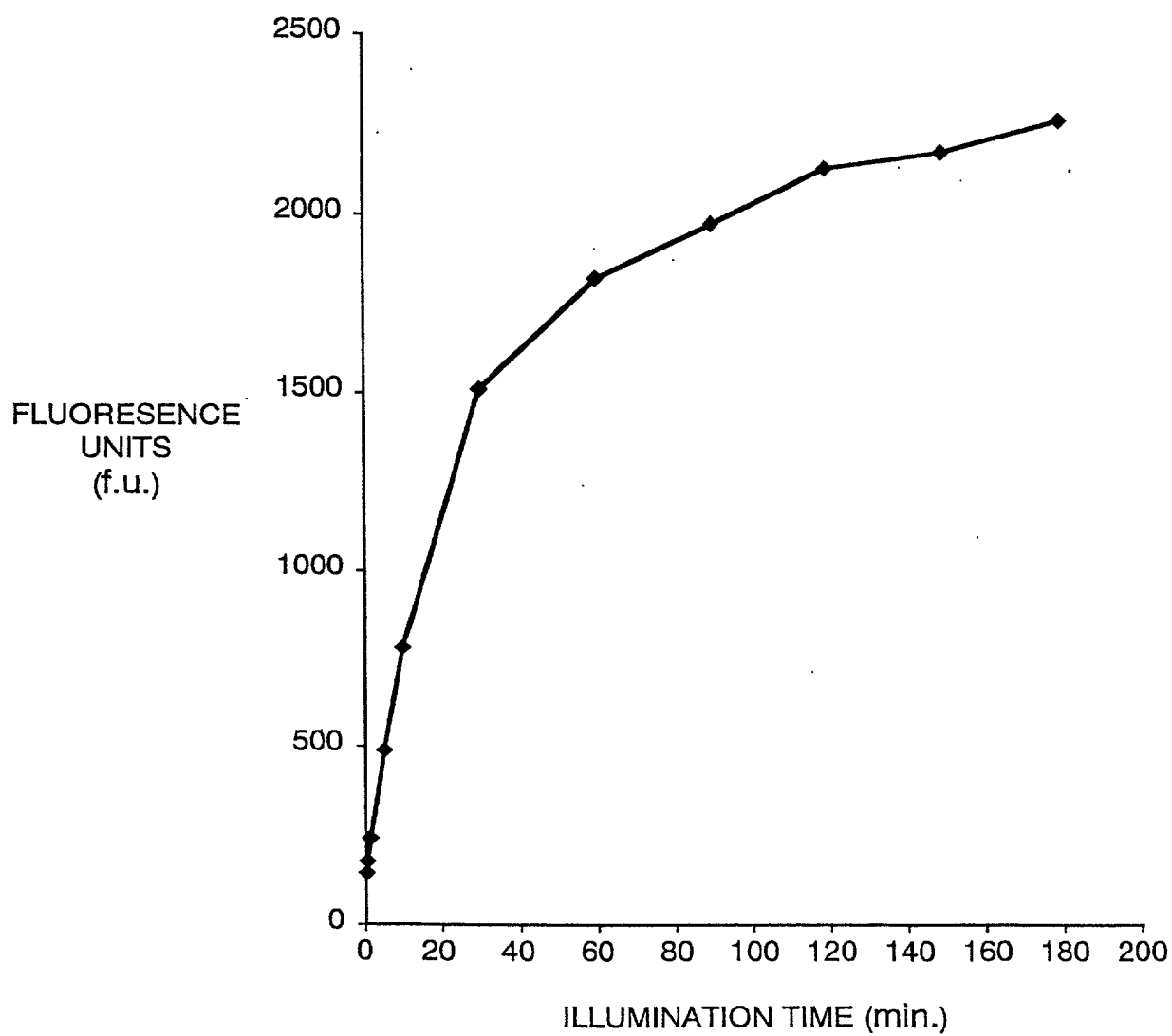


FIG. 16